



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

IFW

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/787,411	02/27/2004	Tatsuya Seshimo	Q80147

23373  
 SUGHRUE MION, PLLC  
 2100 PENNSYLVANIA AVENUE, N.W.  
 SUITE 800  
 WASHINGTON, DC 20037

CONFIRMATION NO. 4530  
 FORMALITIES LETTER



\*OC000000012686094\*

Date Mailed: 05/17/2004

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

08/18/2004 GWORDD0F1 00000067 10787411

FILED UNDER 37 CFR 1.53(b)

01 FC:1001 770.00 0P  
 02 FC:1051 130.00 0P  
 03 FC:1053 130.00 0P

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- Because your specification was filed in a language other than English, the Office was unable to determine the number of claims submitted. Additional claim fees may be due once the number of claims can be determined.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:

- The drawing figures contain text that is not in English (including, for example, a flow chart that was originally not in English that has been marked up to include the English text) (see 37 CFR 1.84(p)(2) and 37 CFR 1.52(d)(1)). See Figure(s) 2A,2B & 7.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$1030** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- **\$130** for English translation surcharge required.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

---

*A copy of this notice **MUST** be returned with the reply.*

*Trillia M. Scott*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q80147

Tatsuya SESHIMO

Appln. No.: 10/787,411

Group Art Unit: Unknown

Confirmation No.: 4530

Examiner: Unknown

Filed: February 27, 2004

For: LIQUID EJECTING APPARATUS INCLUDING BUILT-IN SLIDE-ROTATOR TYPE OF  
POSITIVE DISPLACEMENT PUMP

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION  
FILED UNDER 37 CFR 1.53(B) - FILING DATE GRANTED**

**MAIL STOP MISSING PARTS**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the "Notice to File Missing Parts of Nonprovisional Application filed under 37 CFR 1.53(b) - Filing Date Granted," mailed May 17, 2004 for the above application, Applicant respectfully submits herewith a copy of the Declaration and a copy of the Assignment along with PTO 1595 Form for the above identified application properly executed by the inventors. Also enclosed please find Submission of Priority Documents and one (1) priority document, Submission of Drawings and fourteen (14) sheets of drawing, verified English Translation and an Information Disclosure Statement and (4) references.

Checks for the statutory fee of \$1030.00, \$770.00 filing fee, \$130.00 for Declaration, \$130.00 for verified English Translation fee are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

*Peter A. Mullen Reg. No. 38,551*

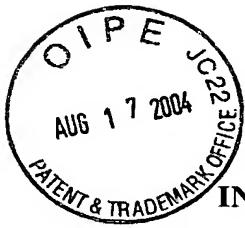
*h-1*

Darryl Mexic  
Registration No. 23,063

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: August 17, 2004



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q80147

Tatsuya SESHIMO

Appln. No.: 10/787,411

Group Art Unit: Not yet assigned

Confirmation No.: 4530

Examiner: Not yet assigned

Filed: February 27, 2004

For: LIQUID EJECTING APPARATUS INCLUDING BUILT-IN SLIDE-ROTATOR TYPE  
OF POSITIVE DISPLACEMENT PUMP

**SUBMISSION OF DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith please find fourteen (14) sheets of drawings (figs. 1-17B) in  
compliance with 37 C.F.R. § 1.84. The Examiner is respectfully requested to acknowledge  
receipt of these drawings.

Respectfully submitted,

*Darryl Mexic*  
Darryl Mexic  
Registration No. 23,063

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: August 17, 2004